



SEQUENCE LISTING

- <110> Belghuith, Karima Srih
Mezghani, Monia
Ellouz, Radhouane
Bejar, Samir
- <120> Polypeptides Having Glucose Isomerase
Activity and Nucleic Acids Encoding Same
- <130> 6004.200-US
- <140> 09/383,818
- <141> 1999-08-26
- <150> 99.100
- <151> 1999-05-26
- <160> 2
- <170> FastSEQ for Windows Version 3.0
- <210> 1
- <211> 1546
- <212> DNA
- <213> Strptomyces

<400> 1

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<210> 2
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<212> PRT
<213> Variant

FEB 14 2000

TECH CENTER 1600/2900

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Gly Val Thr Phe His Asp Asp Asp Leu Ile Pro Phe Gly Ala Ser Asp
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Thr Glu Arg Glu Ala His Val Lys Arg Phe Arg Gln Ala Leu Asp Ala
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Thr Gly Met Thr Val Pro Met Ala Thr Thr Asn Leu Phe Thr His Pro
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Val Phe Lys Ala Gly Ala Phe Thr Ala Asn Asp Arg Ala Val Arg Arg
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Tyr Ala Leu Arg Lys Thr Ile Arg Asn Ile Asp Leu Ala Val Glu Leu
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Phe Asp Leu Leu Gly Gln Tyr Val Thr Ser Gln Gly Tyr Asp Ile Arg
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Phe Ala Ile Glu Pro Lys Pro Asn Glu Pro Arg Gly Asp Ile Leu Leu
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Pro Thr Ile Gly His Ala Leu Ala Phe Ile Glu Arg Leu Glu Arg Pro
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Glu Leu Tyr Gly Val Asn Pro Glu Val Gly His Glu Gln Met Ala Gly
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Phe His Ile Asp Leu Asn Gly Gln Ser Gly Ile Lys Tyr Asp Gln Asp
245 250 255
Leu Arg Phe Gly Ala Gly Asp Leu Arg Ala Ala Phe Trp Leu Val Asp
260 265 270
Leu Leu Glu Ser Ala Gly Trp Glu Gly Pro Arg His Phe Asp Phe Lys
275 280 285
Pro Pro Arg Thr Glu Asp Ile Asp Gly Val Trp Ala Ser Ala Ala Gly
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Cys Met Arg Asn Tyr Leu Ile Leu Lys Glu Arg Ala Ala Ala Phe Arg
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Ala Asp Pro Glu Val Gln Glu Ala Leu Arg Ala Ala Arg Leu Asp Gln
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Leu Ala Glu Pro Thr Ala Ala Asp Gly Leu Gln Ala Leu Leu Ala Asp
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Arg Thr Ala Tyr Glu Asp Phe Asp Val Asp Ala Ala Arg Gly Met
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Ala Phe Glu Arg Leu Asp Gln Leu Ala Met Asp His Leu Leu Gly Ala
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